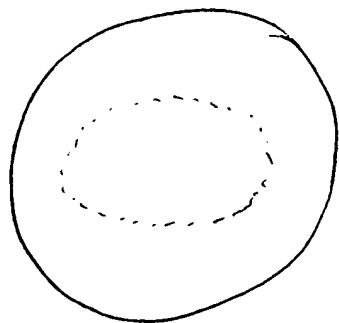
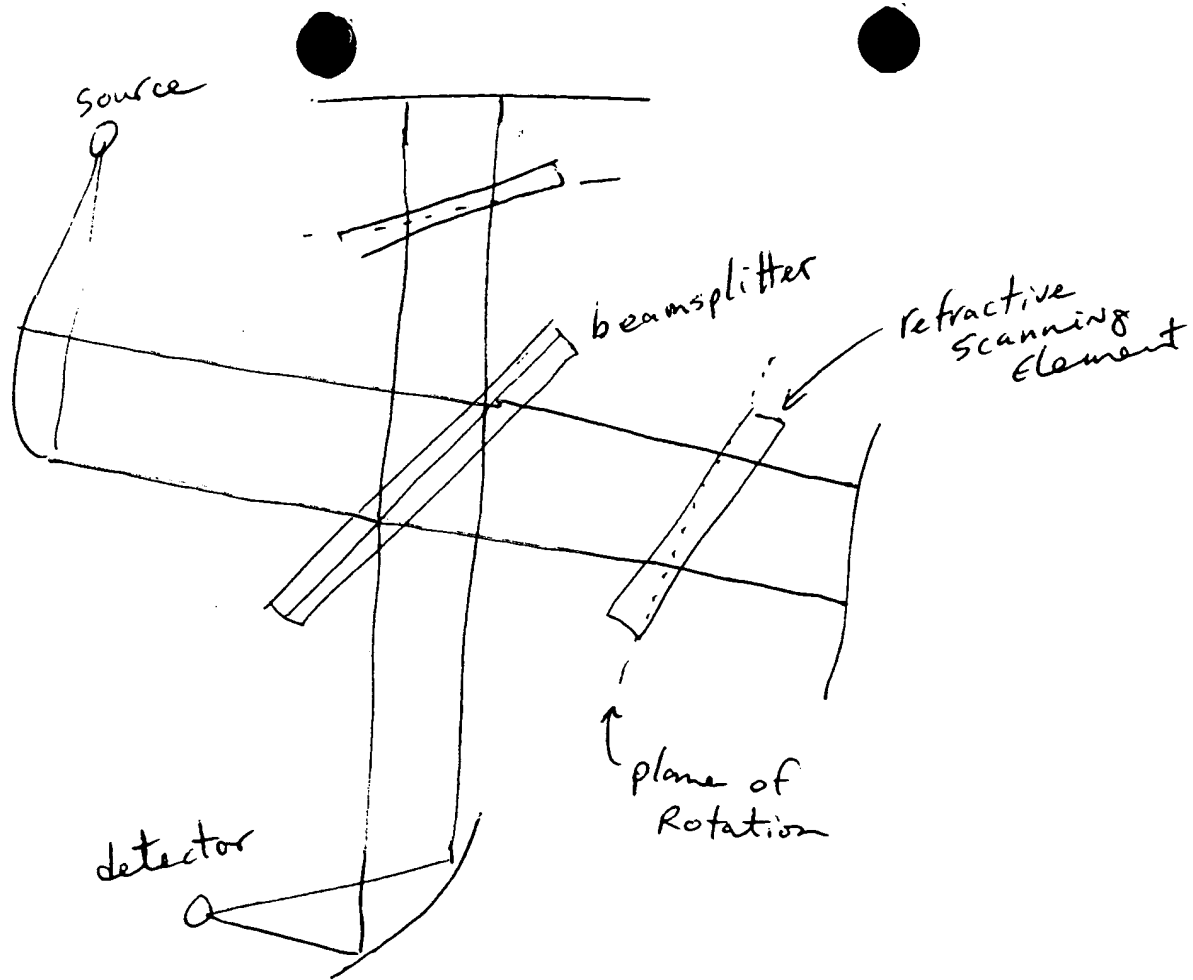
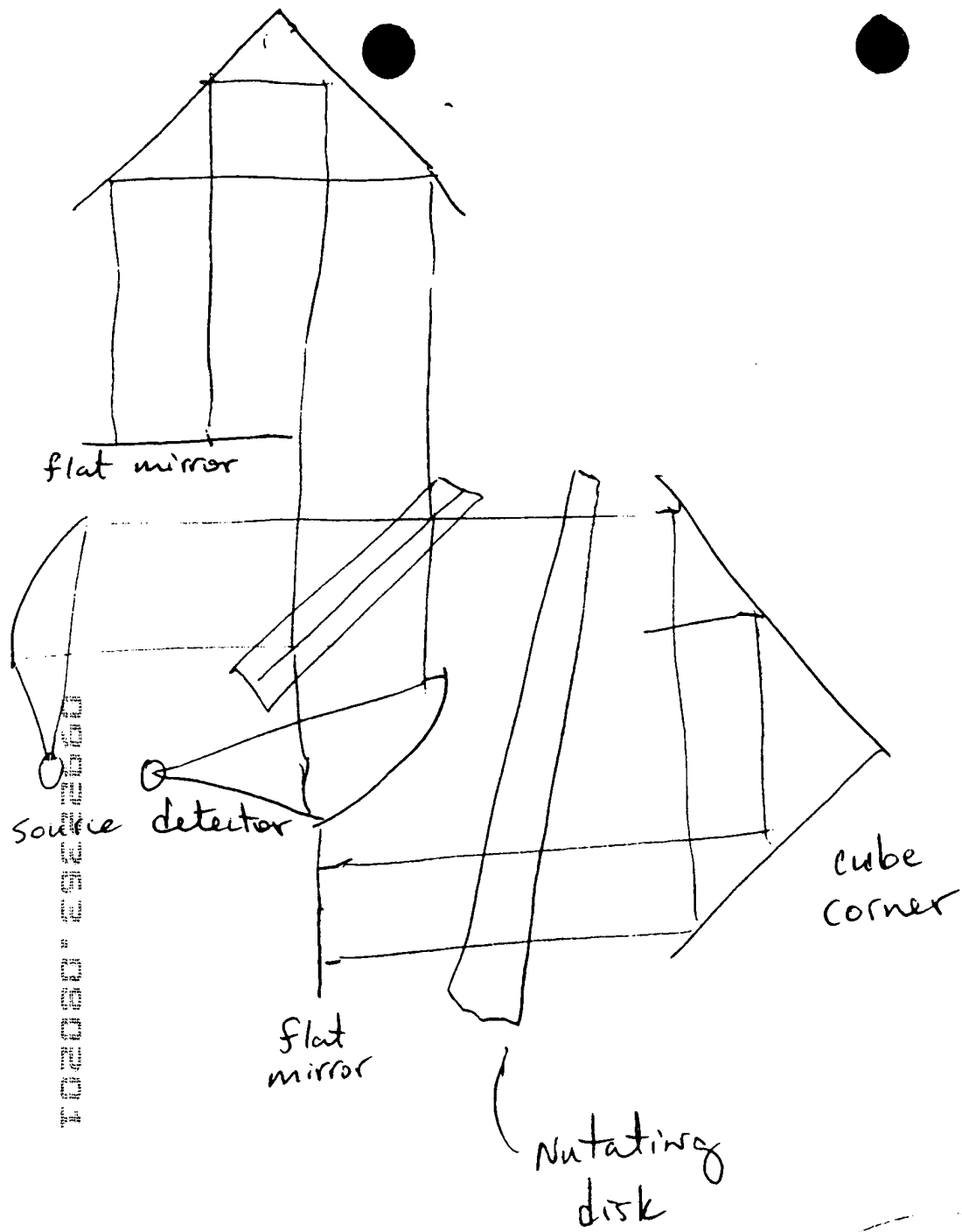


Figure 1



front view of
window
with foot print of beam

Figure 3



view of
aperture

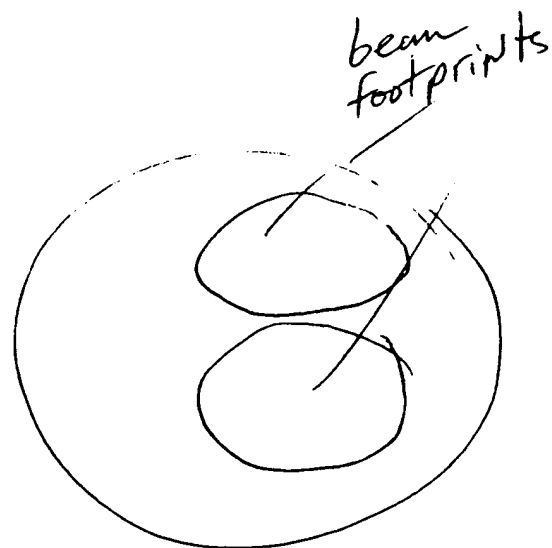
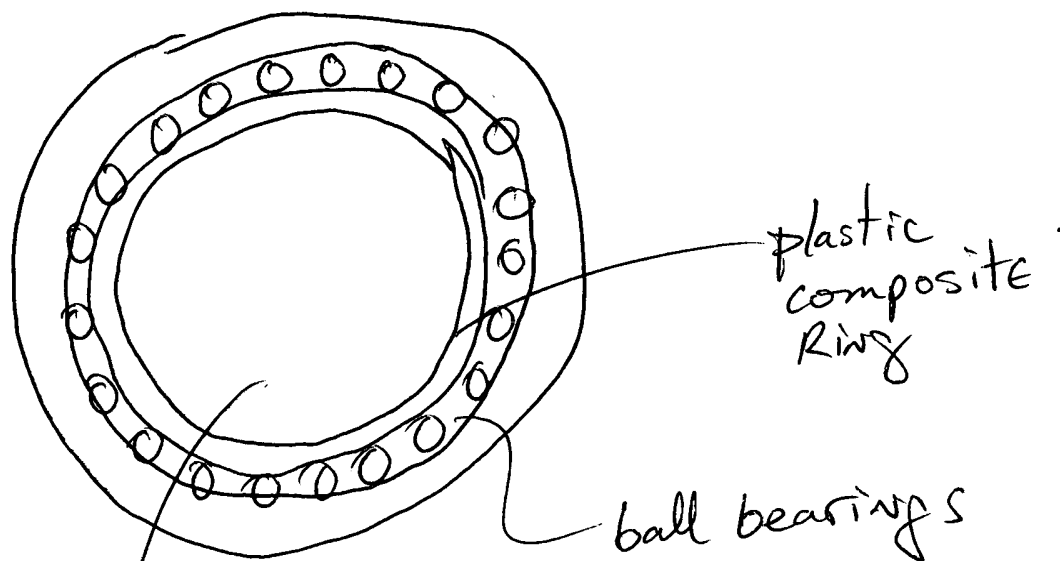


Figure 4



Refractive crystal mounted at
Angle relative to
plastic Ring and
bearing plane of
Rotation

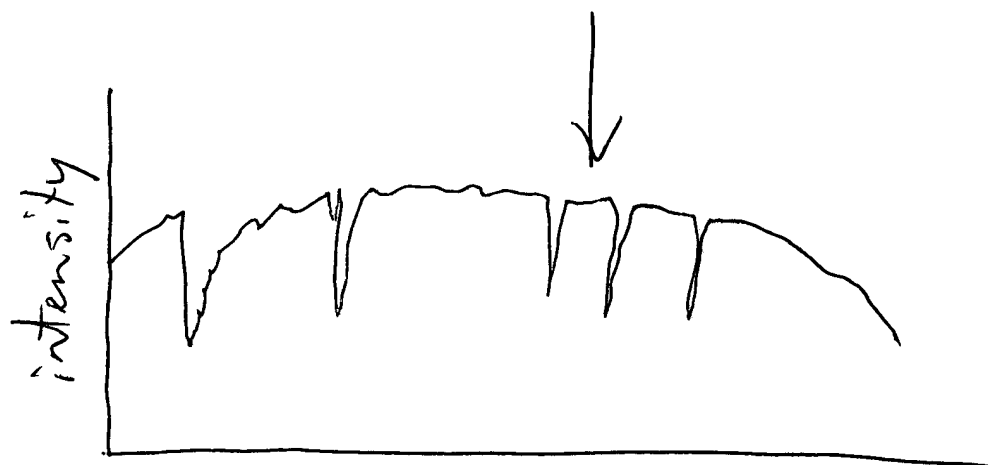
Figure 5



Apparent wavenumber



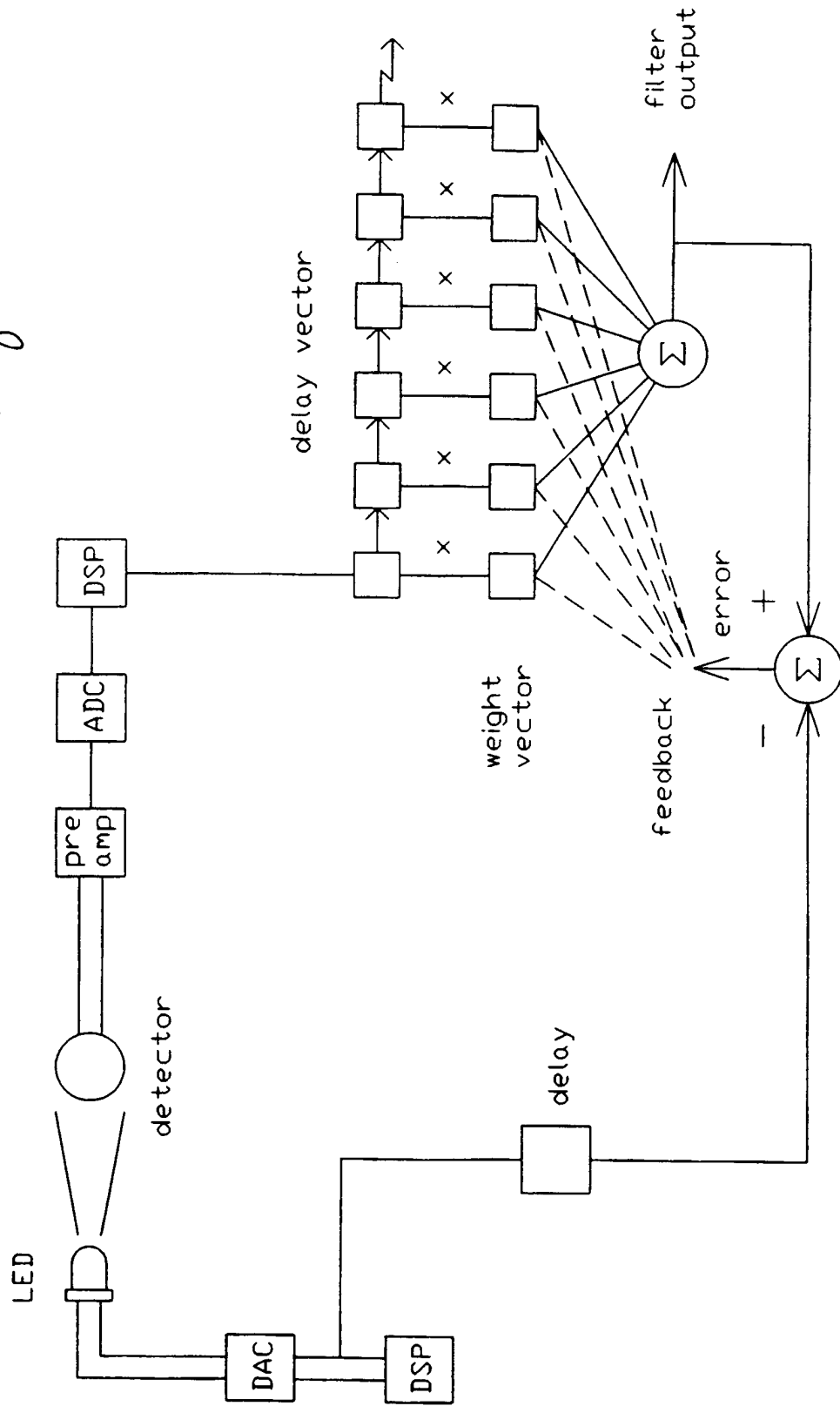
Remapping FUNCTION

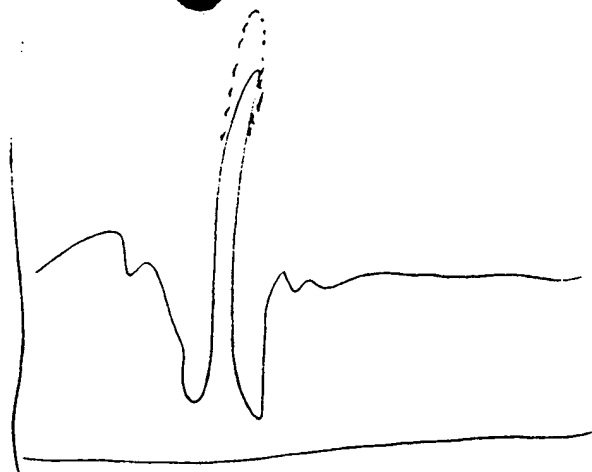


Actual wavenumber

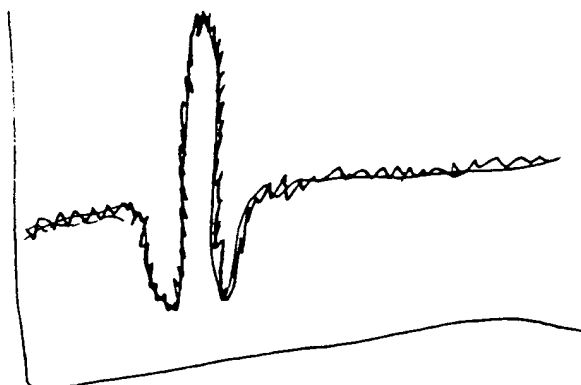
Figure 6

Figure 7





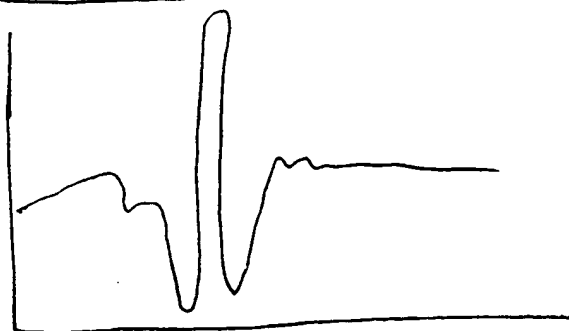
A



B



C



D

Figure 8

Figure 8

Figure 9

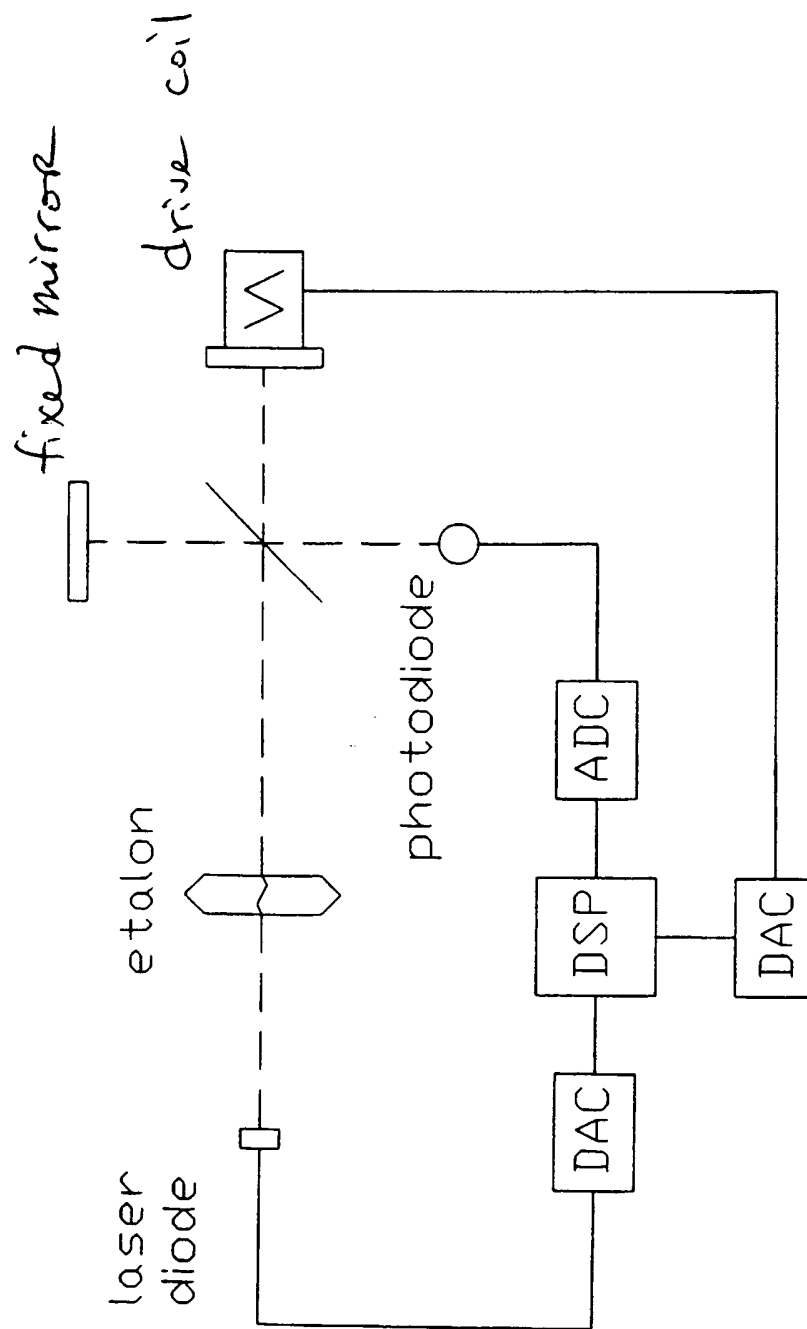


Figure 10

Laser Interference Signal

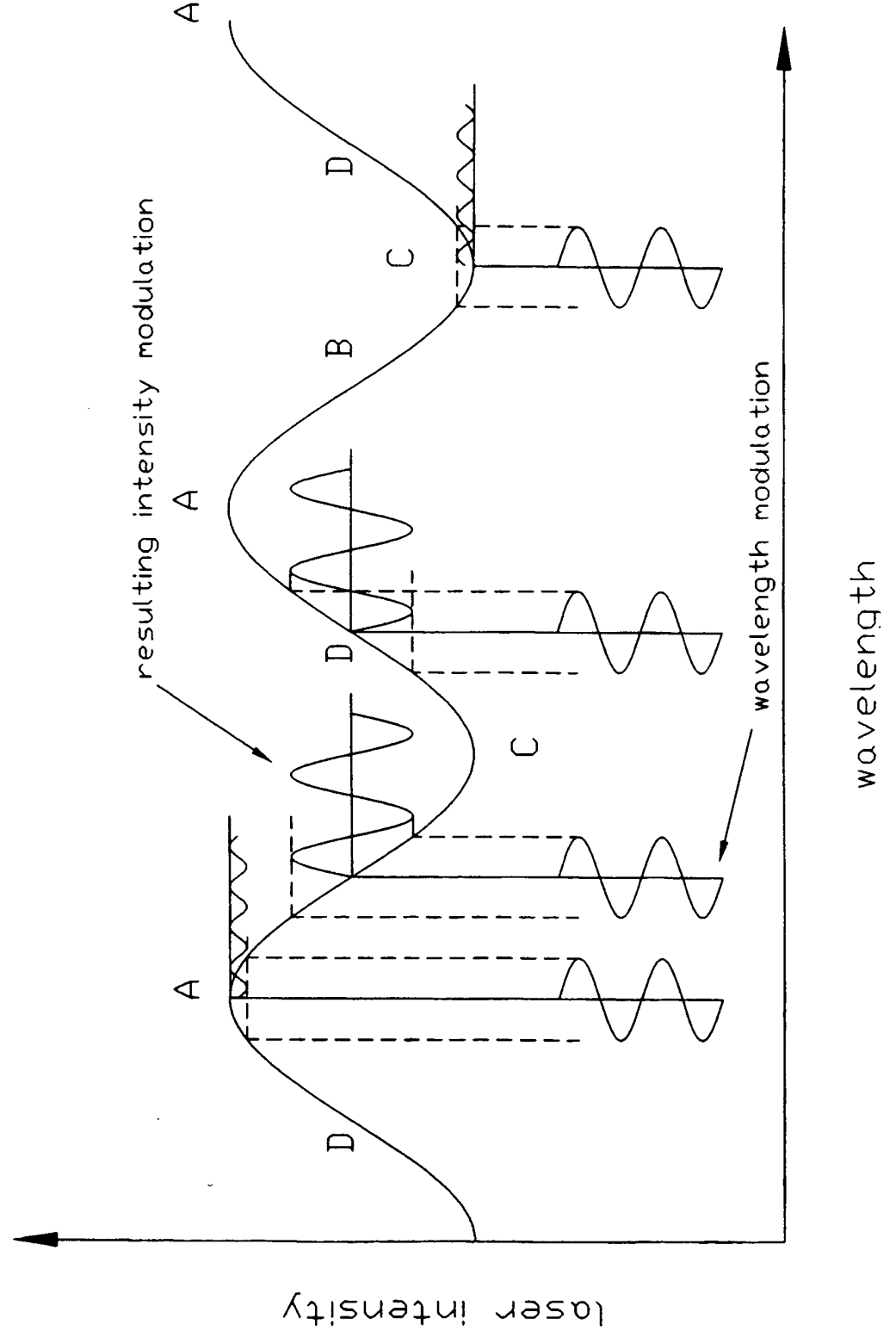


FIGURE 11

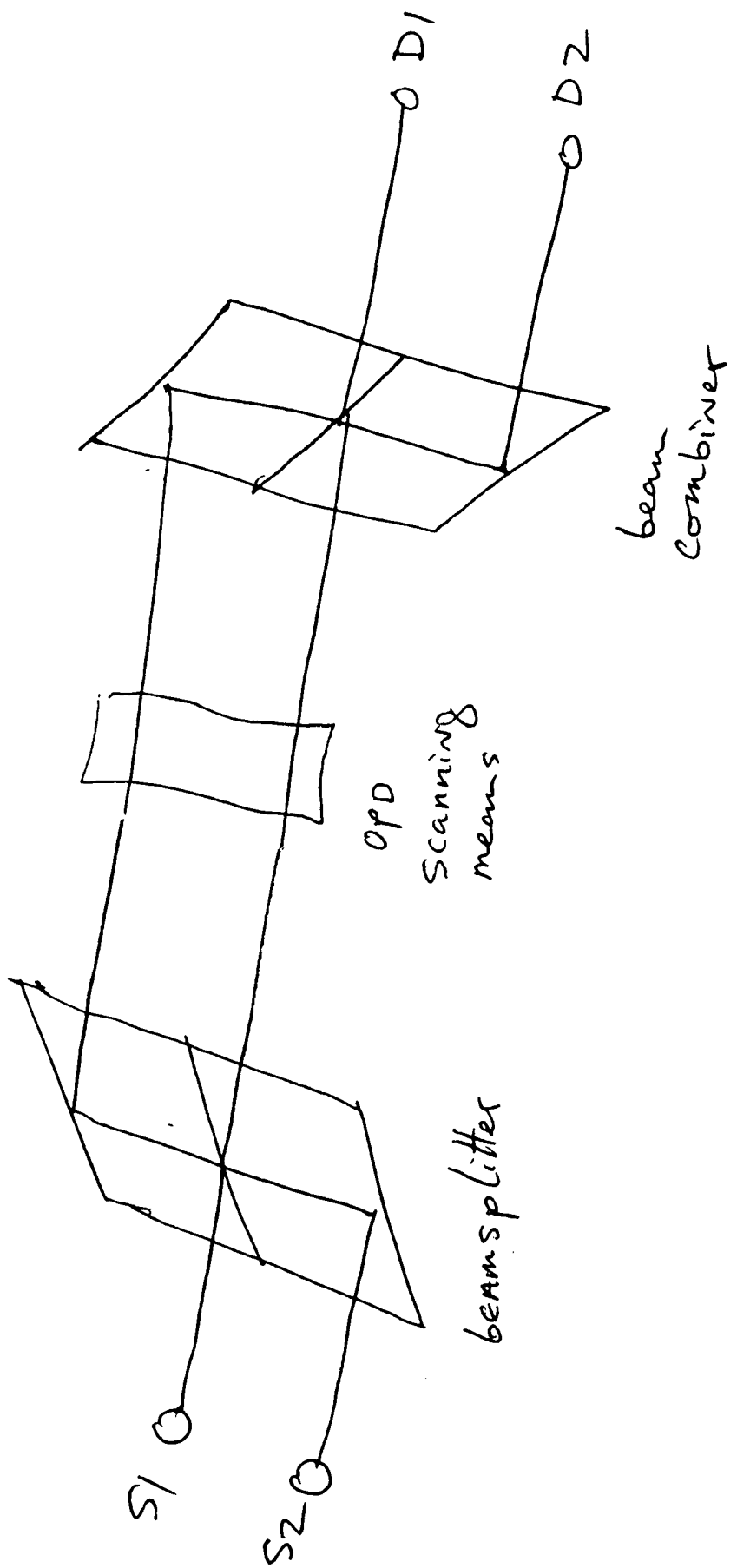


Figure 11

102002 232260

Recombined

Recombined

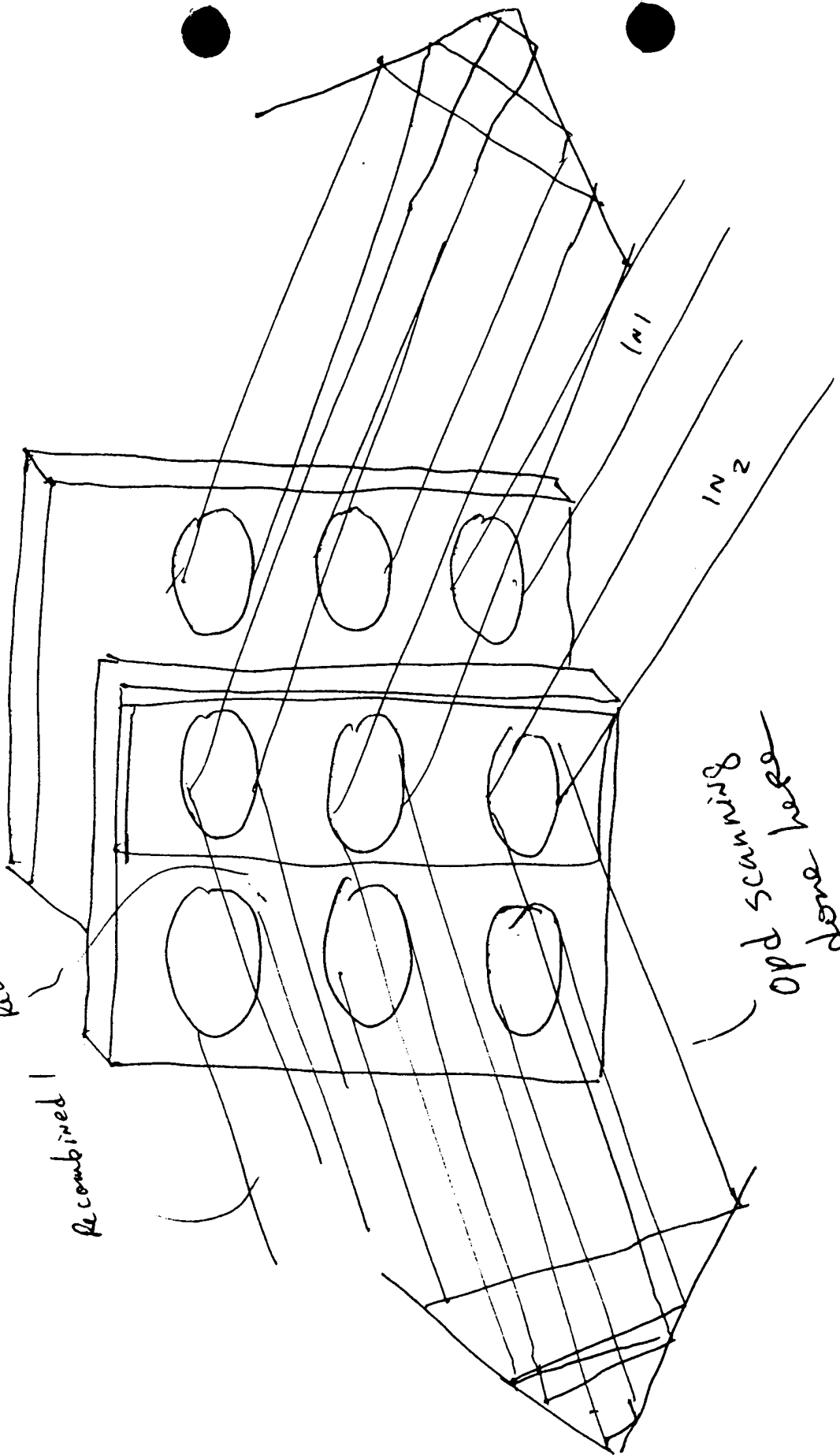


Figure 13

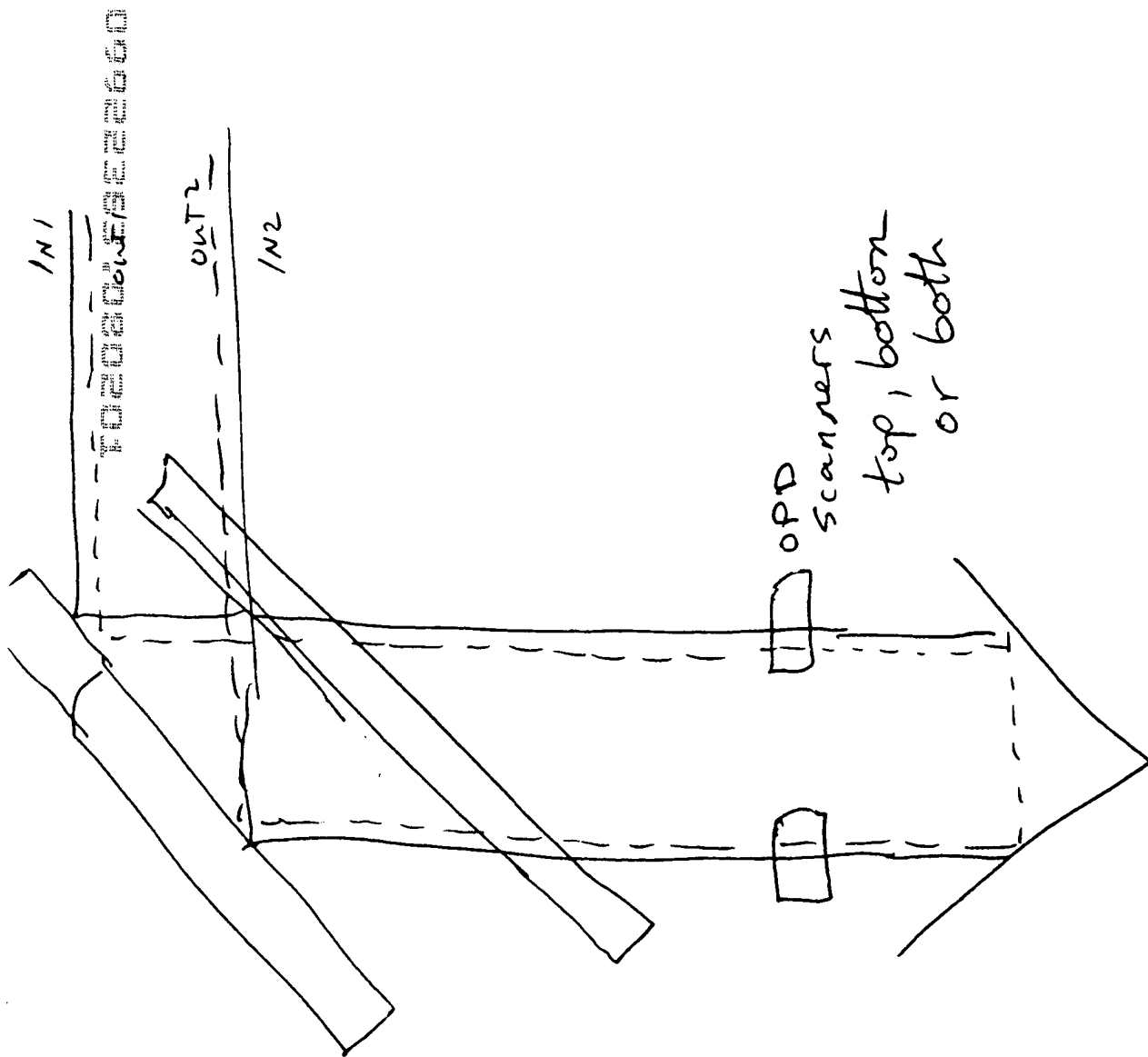


Figure 14

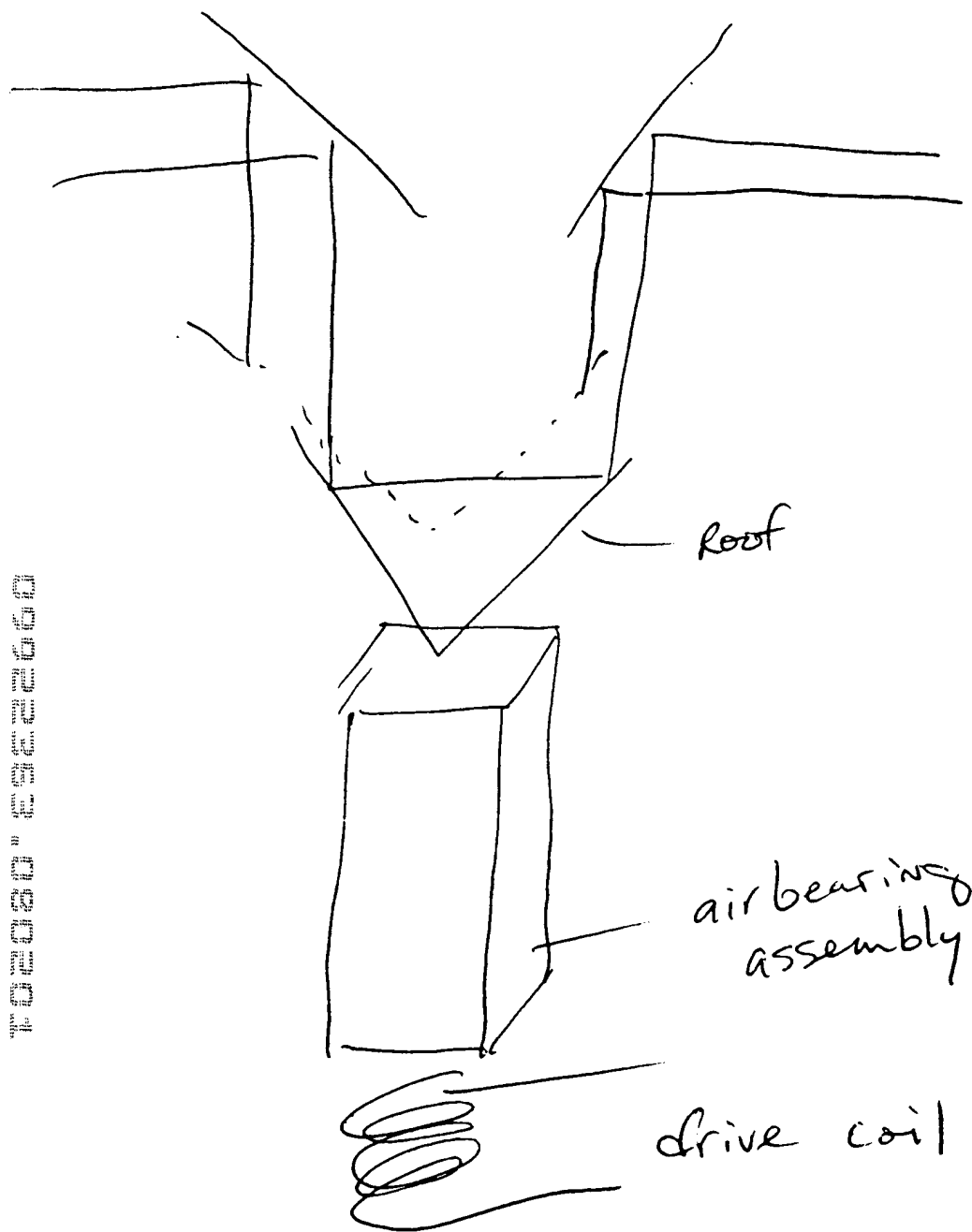


Figure 16